

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A method for managing subscriber identities (31) in a mobile communication network where one and the same mobile station (MS) uses ~~one or more~~ a plurality of subscriber identities (31), including the steps of:

dividing the location management functions associated with ~~[[a]]~~ the mobile station (MS) into at least two parts of which at least one is reserved as common to a plurality of connections of the subscriber identities (31) in one and the same mobile station (MS) and at least one other part is reserved as separate for each connection of the plural connections of the subscriber identities (31) in one and the same mobile station (MS);

assigning a common identity for the subscriber identities; and

managing the plural connections of the subscriber identities (31) in the mobile station (MS) through ~~[[a]]~~ the common identity, wherein the common identity comprises one of the individual subscriber entities (31), and said step of managing includes paging one of the subscriber identities by specifying the common identity in a paging message on a paging channel, such that each of the subscriber identities (31) is individually accessible through the common identity.

2. (previously presented) The method of claim 1, further comprising the step of handling functions common to the subscriber identities (31) in one and the same mobile station (MS) through at least one MM layer part.

3. (previously presented) The method of claim 2, further comprising the step of using the common part of the MM layer for the paging of the subscriber identities of a mobile station (MS).

4. (previously presented) The method of claim 1, wherein the equipment identity of the mobile station (MS) functions as the common identity of the subscriber identities (31) in one and the same mobile station (MS) in the common part of the MM layer.

5. (previously presented) The method of claim 1, wherein the common identity of the subscriber identities (31) in one and the same mobile station (MS) is one of the subscriber identities (31) belonging to the mobile station (MS) in the common part of the MM layer.

6. (previously presented) The method of claim 1, further comprising the step of paging said subscriber identities (31) in one and the same mobile station (MS) using one paging channel (PCH).

7. (previously presented) The method of claim 1, further comprising the step of storing the information about the common identity of the subscriber identities (31) in one and the same mobile station (MS) in a core network (CN).

8. (previously presented) The method of claim 7, wherein the information about the common identity is stored in a HLR register.

9. (previously presented) The method of claim 8, further comprising the step of updating the information about the common identity in the HLR register.

10. (previously presented) The method of claim 9, wherein said step of updating is performed in conjunction with a location update.

11. (previously presented) The method of claim 9, wherein said step of updating is performed in conjunction with a terminating connection.

12. (previously presented) The method of claim 9, wherein the information about the common identity is updated in a MAP message.

13. (previously presented) The method of claim 1, further comprising the step of transmitting, by the mobile station (MS), a location update request including subscriber identity information and indicator information indicating whether the location update request has been transmitted for every subscriber identity (31).

14. (previously presented) The method of claim 9, wherein the location update for the subscriber identities(31) is carried out through the coordinating part (33) of the MM layer.

15. (previously presented) The method of claim 9, wherein a HLR register corresponding to each particular subscriber identity (31) transmits the location information of the subscriber identity (31) to the HLR register corresponding to the common identity.

16. (canceled)

17. (previously presented) The method of claim 1, further comprising the step of including one of an IMSI code, TMSI code and an IMEI code when paging a subscriber identity.

18. (currently amended) A system for realizing location management functions of mobile stations (MS) having more than one subscriber identity (31), comprising a first element for realizing the common functions of plural connections of the subscriber identities (31) of each mobile station (MS) and at least one other element for realizing subscriber-specific functions of each of the plural connections of the subscriber identities (31), wherein the system further comprises means for assigning a common identity for the subscriber identities and means for managing the subscriber identities using the common identity, said means for managing including means for paging an individual subscriber identity on a paging channel using a paging

message including the common identity, such that each individual one of the subscriber entities is accessible through the common identity.

19. (currently amended) A network element for realizing location management functions of mobile stations (MS) having more than one subscriber identity (31), comprising a first element for realizing the common functions of plural connections of the subscriber identities (31) of each mobile station (MS) and at least one other element for realizing subscriber-specific functions of each of the plural connections subscriber identities (31), wherein said network element further comprises means for assigning a common identity for the subscriber identities and means for managing the subscriber identities using the common identity, said means for managing including means for paging an individual subscriber identity on a paging channel using a paging message including the common identity, such that each individual one of the subscriber entities is accessible through the common identity.

20. (previously presented) The network element of claim 19, wherein the network element is a mobile switching center (MSC).

21. (previously presented) The network element of claim 19, wherein the network element is a radio network controller (RNC).

22. (currently amended) A mobile station (MS) arranged so as to use more than one subscriber identity (31), comprising a first element (34) for realizing common functions to a plurality of connections of the subscriber identities (31) and at least one other element (35)

for realizing the specific functions of each of the plural connections of the subscriber identities (31), wherein a common identity is assigned to each of the subscriber identities (31), said mobile station comprising means for receiving a page message for an individual one of the subscriber entities which specifies the common identity such that each individual one of the subscriber entities is accessible through the common identity.